

CLAIMS

What is claimed is:

1. A home gateway interface, comprising:
5 a communication interface for connecting to a network;
a processor for processing information from the network;
a display for displaying the information.
2. The home gateway interface of claim 1, wherein the communication
10 interface is selected from the group consisting of POTS, DSL, and
combinations thereof.
3. The home gateway interface of claim 1, further comprising:
at least one module for interfacing with an external device.
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4. The home gateway interface of claim 3, wherein the external device
is selected from the group consisting of a desk-top PC, lap-top
computer, notebook computer, a home security device, a cellular
20 phone, a digital phone, a personal data access device, a smart IP-
based home appliance, a printer, a facsimile machine, a scanner, a
connected organizer, and combinations thereof.
5. The home gateway interface of claim 1, further comprising a multi-
function handset.
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6. The home gateway interface of claim 5, wherein the multi-function
handset performs the function of at least one of a cordless phone, a
mobile phone, a web phone, and a walkie-talkie.
- 30 7. The home gateway interface of claim 1, wherein the communication
interface includes at least one of DSL modem and an analog modem.

8. The home gateway interface of claim 7, wherein the DSL modem includes at least one of ADSL, SDSL, HDSL and VDSL.
- 5 9. The home gateway interface of claim 1, comprising modular plug-and-play interfaces.
- 10 10. The home gateway interface of claim 9, wherein the modular plug-and-play interfaces connect home devices via at least one of an existing phone line, a power line, wireless or cable.
11. The home gateway interface of claim 1, wherein the display comprises a removable display unit
12. The home gateway interface of claim 11, wherein the removable display unit interfaces with the home gateway interface through wirelessly.
- 15 13. The home gateway interface of claim 12, wherein the removable display unit interfaces with the home gateway interface through at least one of IR and RF communications.
- 20 14. The home gateway interface of claim 1, wherein the display displays and accesses at least one of Internet messages and voice messages.
- 25 15. The home gateway interface of claim 1, wherein the display displays at least one of a real-time stock quote, weather, headline news, community news, and yellow pages.
- 30 16. The home gateway interface of claim 1, further comprises an video camera.